

Abstract of the Disclosure:

The transmitting and receiving station generates a
interrogation code signal which is identical for all of the
transponders. All of the transponders that receive the signal
5 answer simultaneously at the same carrier frequency. In order
to avoid signal collisions, the transponders are synchronized
before and/or during the transmission of the response signals.
As an alternative, each transponder is assigned a dedicated
subcarrier frequency in addition to the main carrier
10 frequency, which is the same for all of the transponders.

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